

FIG. 1 (a)

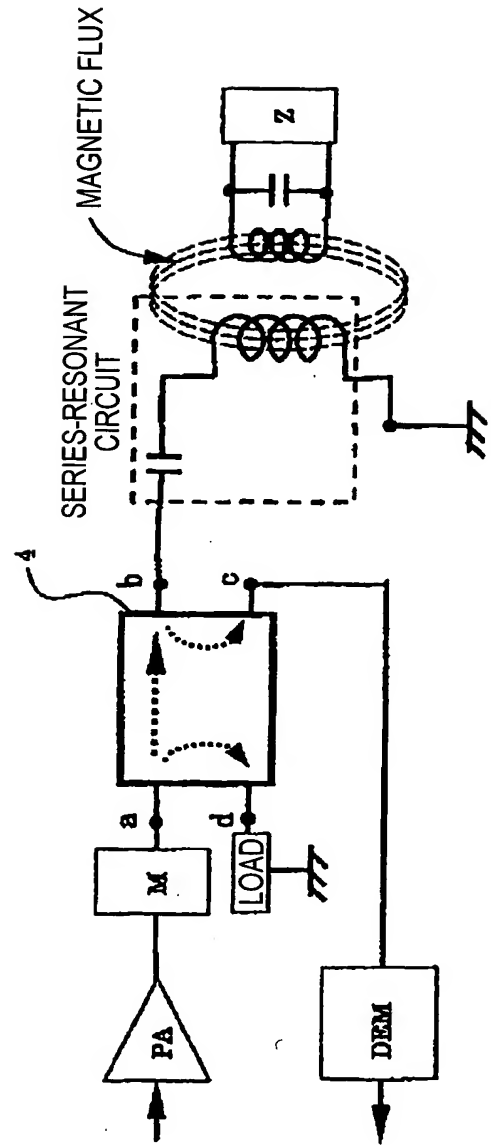


FIG. 1 (b)

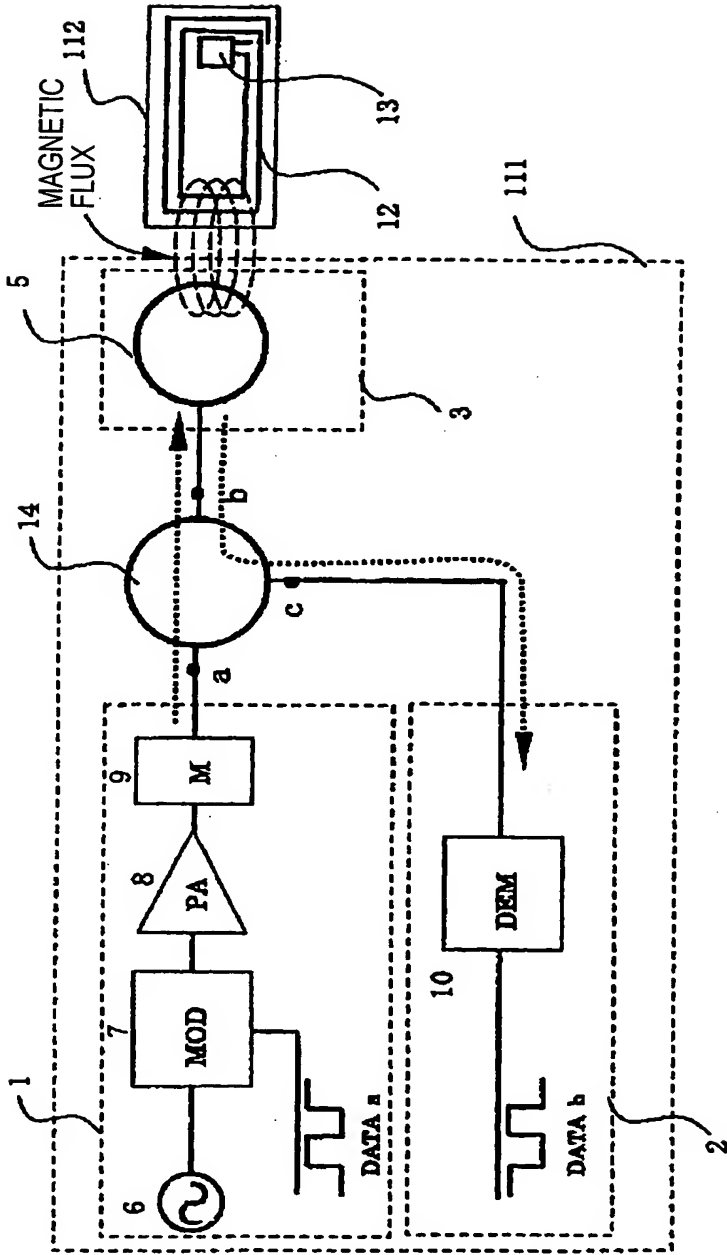


FIG. 2 (a)

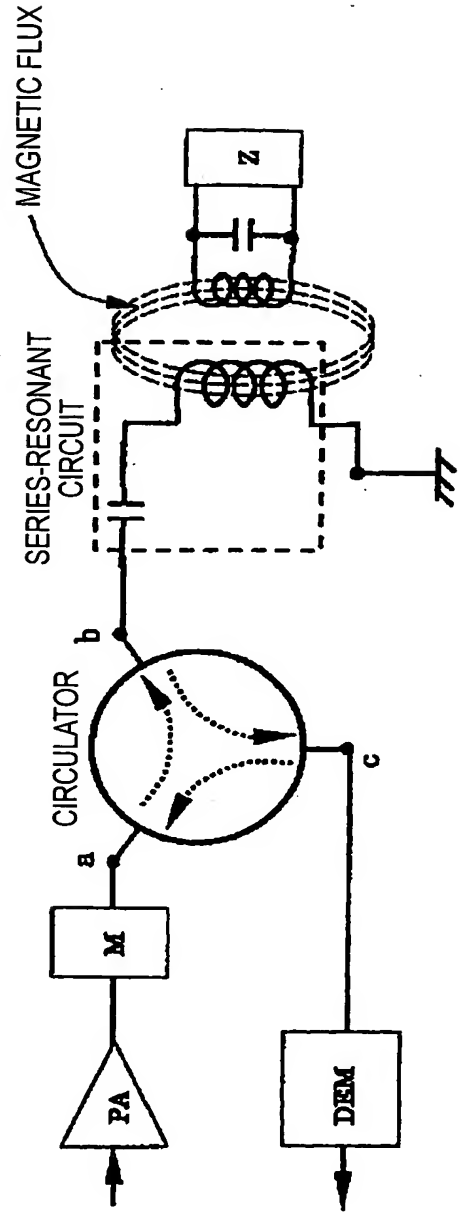


FIG. 2 (b)

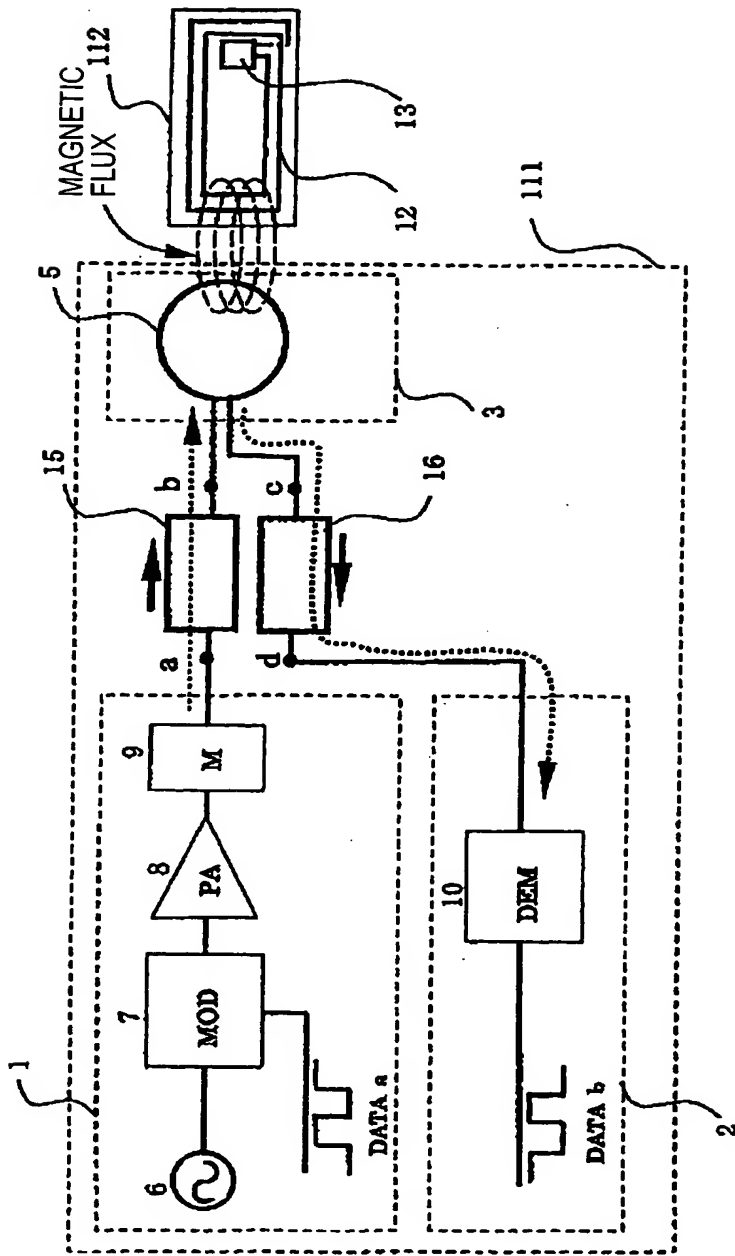


FIG. 3 (a)

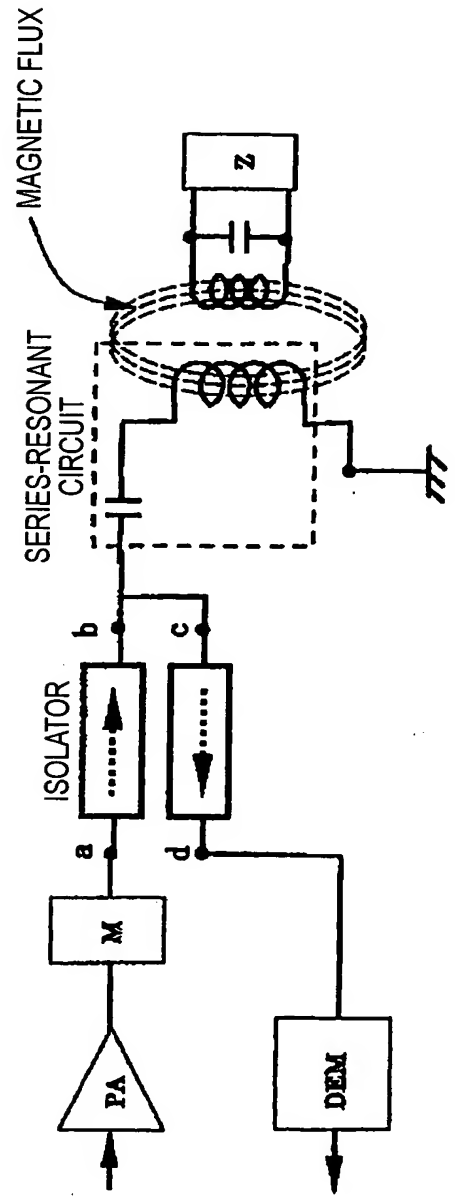
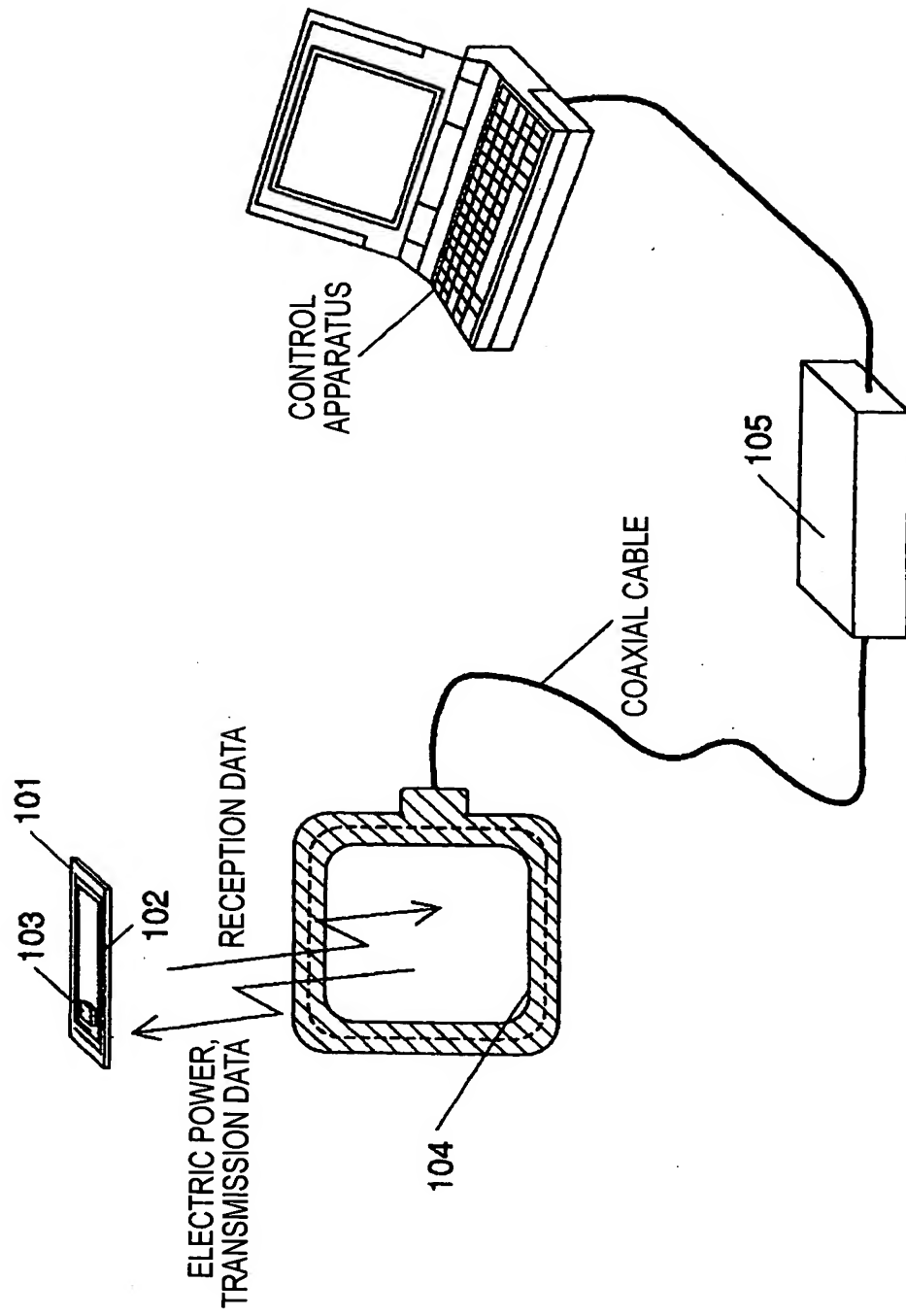


FIG. 3 (b)

FIG. 4



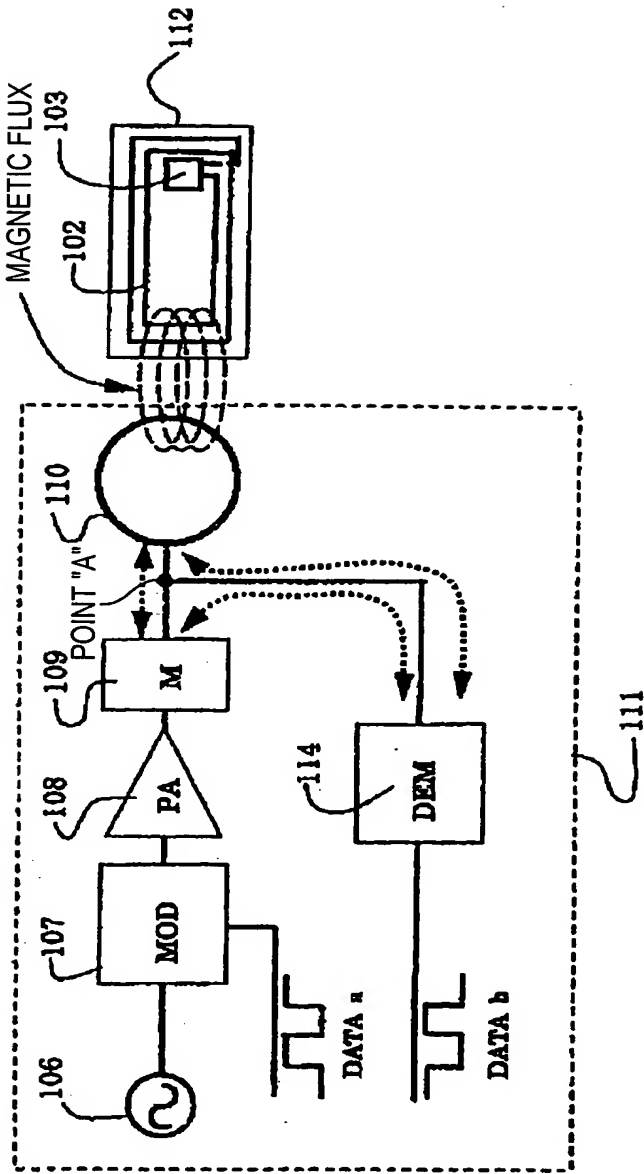


FIG. 5 (a)

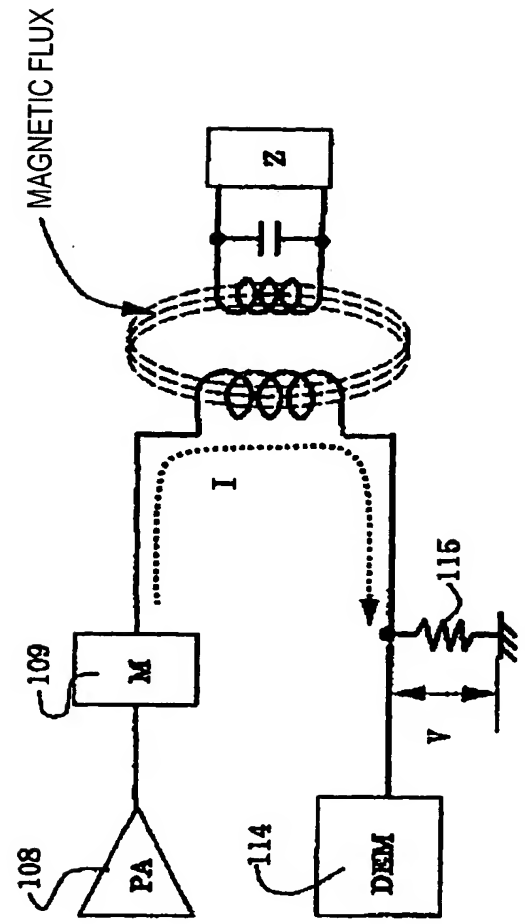


FIG. 5 (b)

FIG. 6 (a)

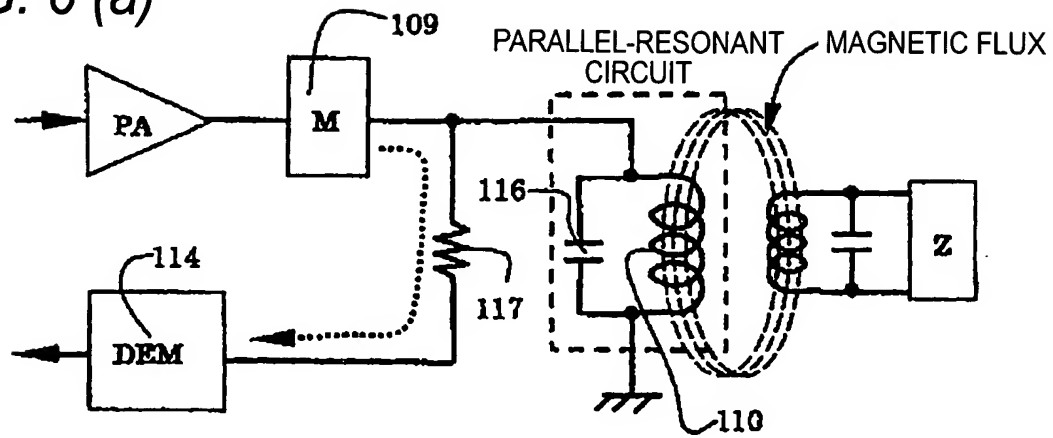


FIG. 6 (b)

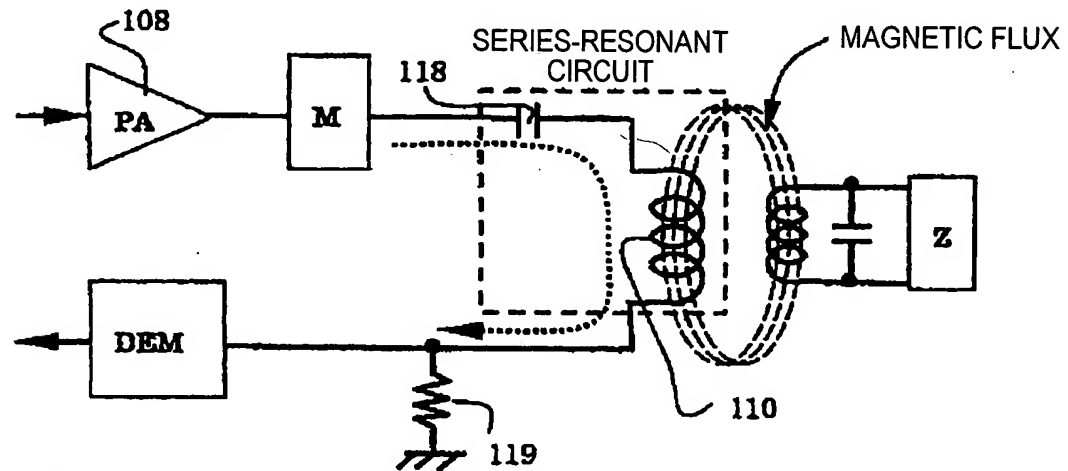


FIG. 6 (c)

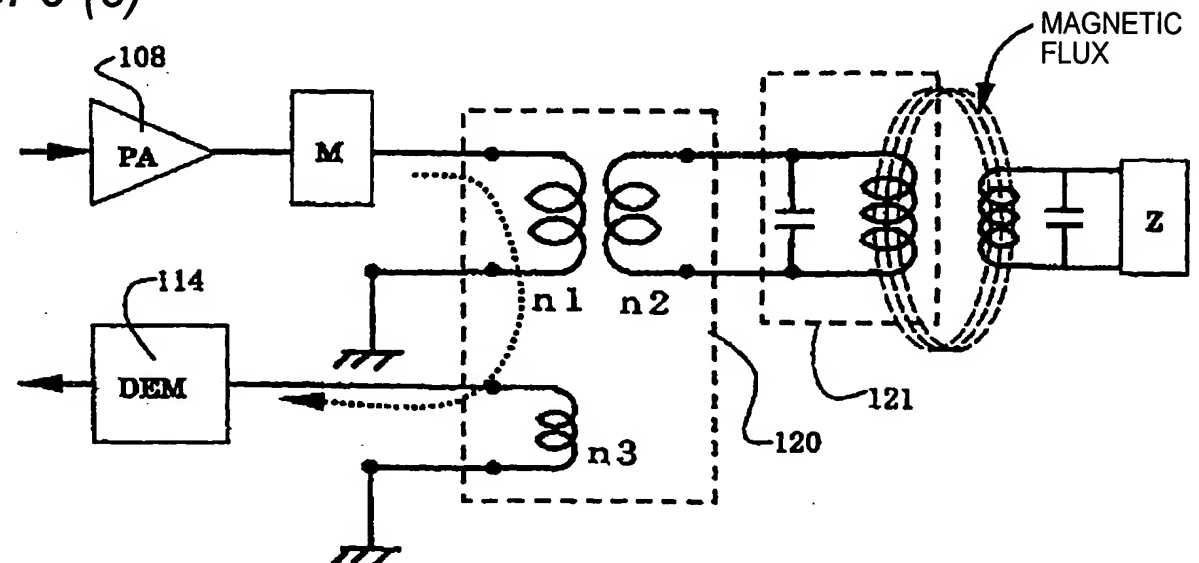


FIG. 7 (a)

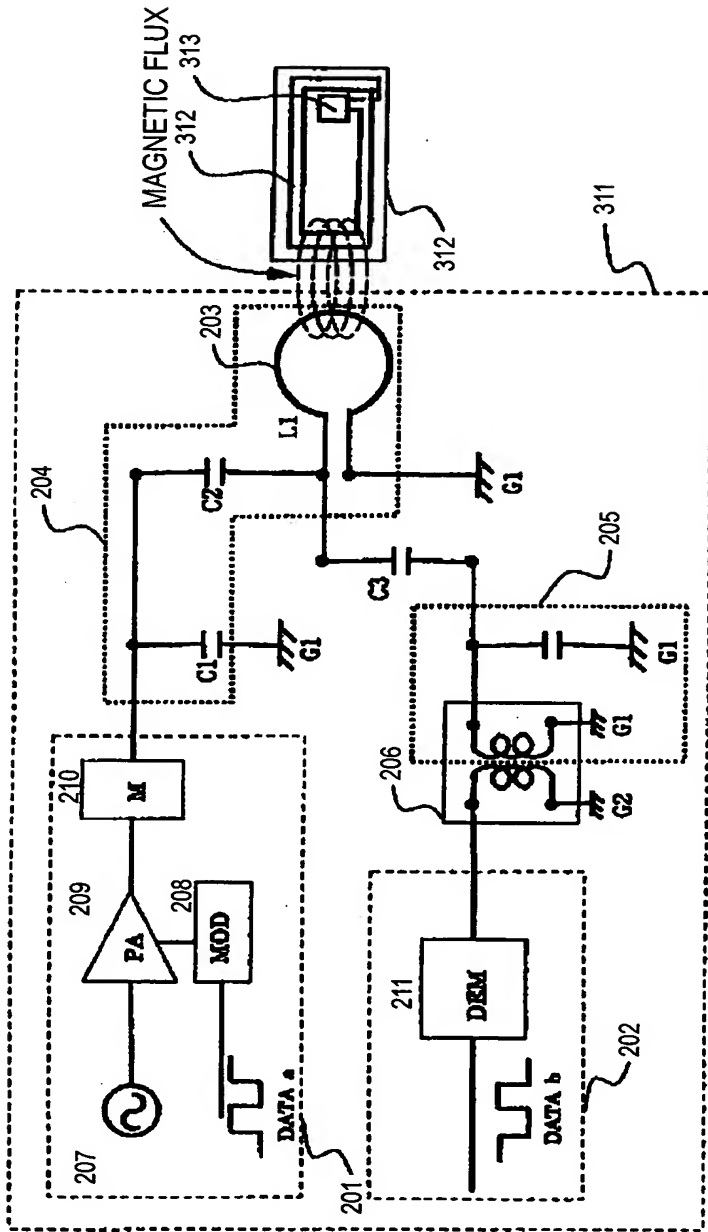


FIG. 7 (b)

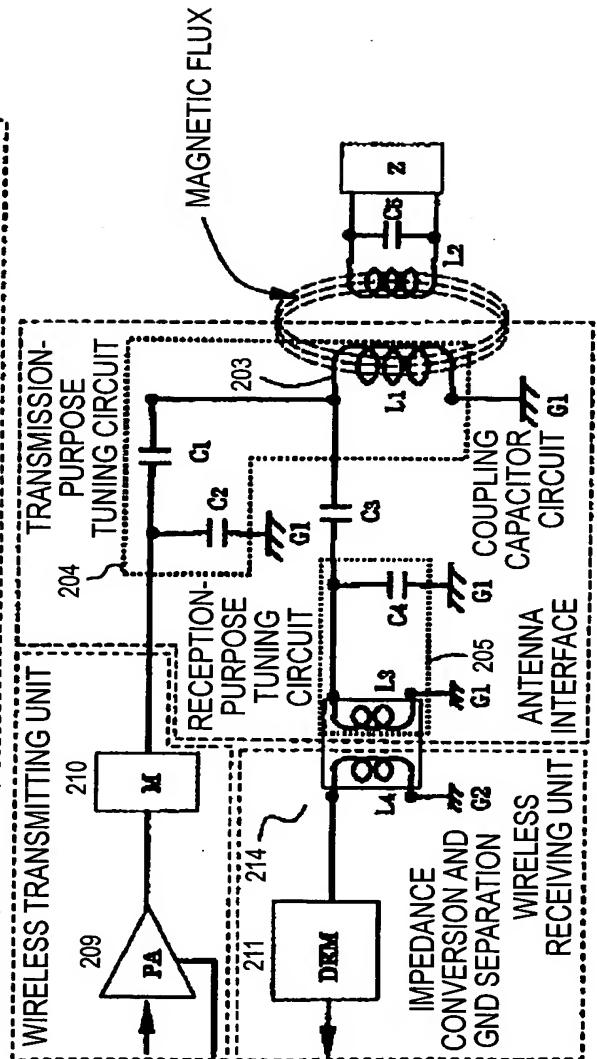


FIG. 8 (a)

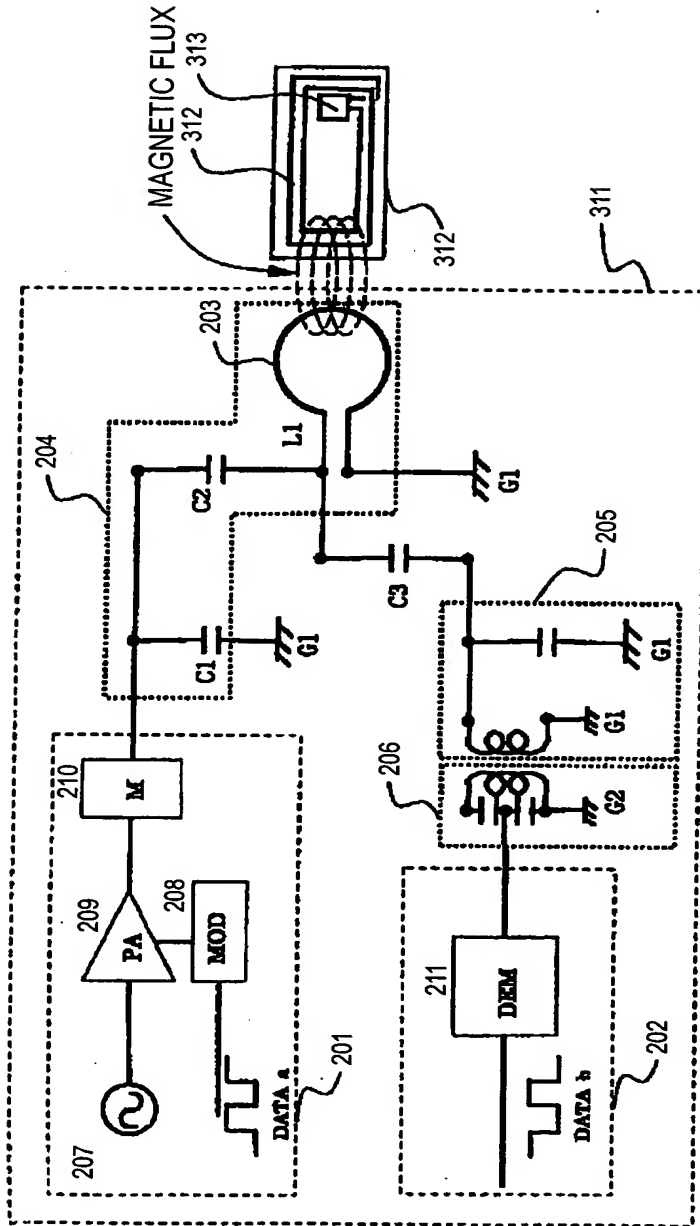


FIG. 8 (b)

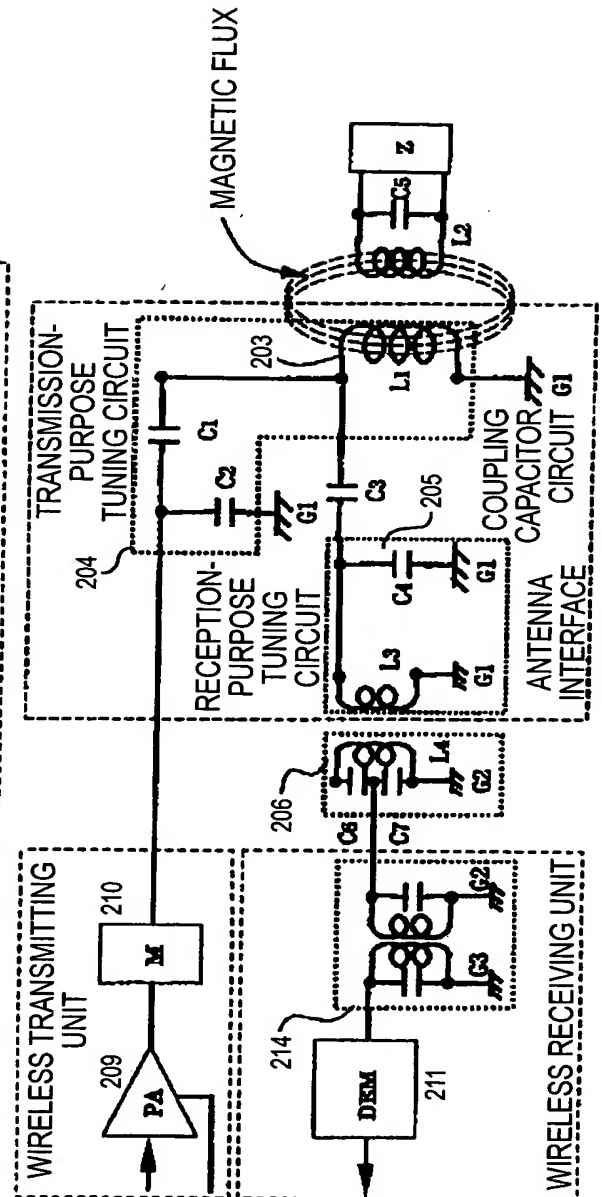


FIG. 9

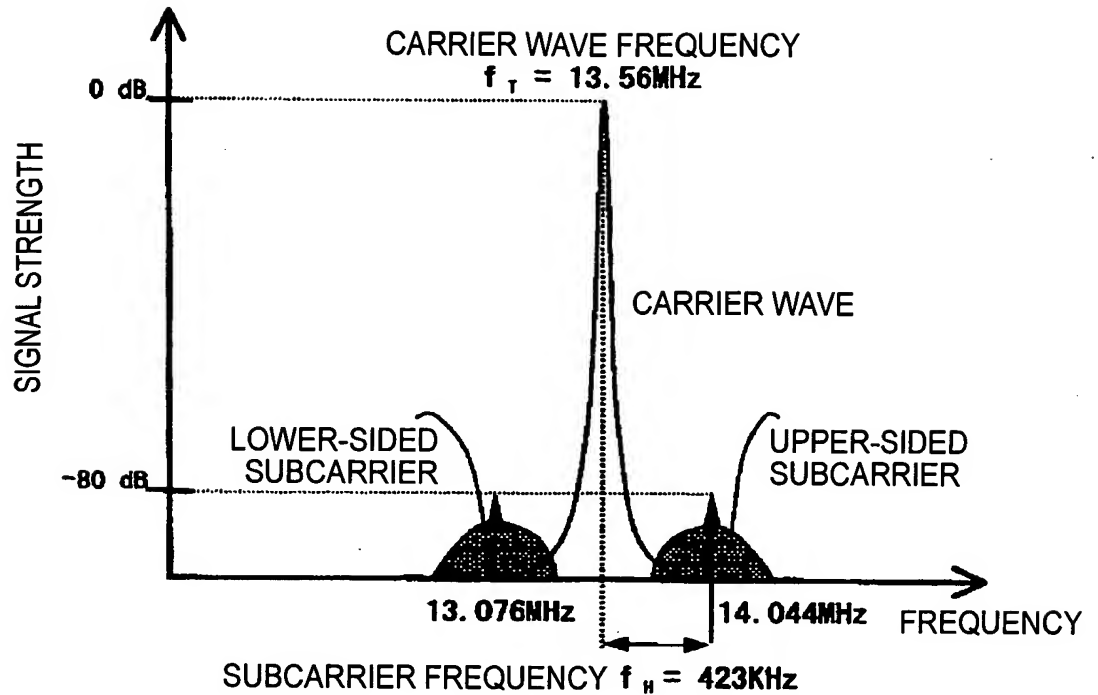


FIG. 10

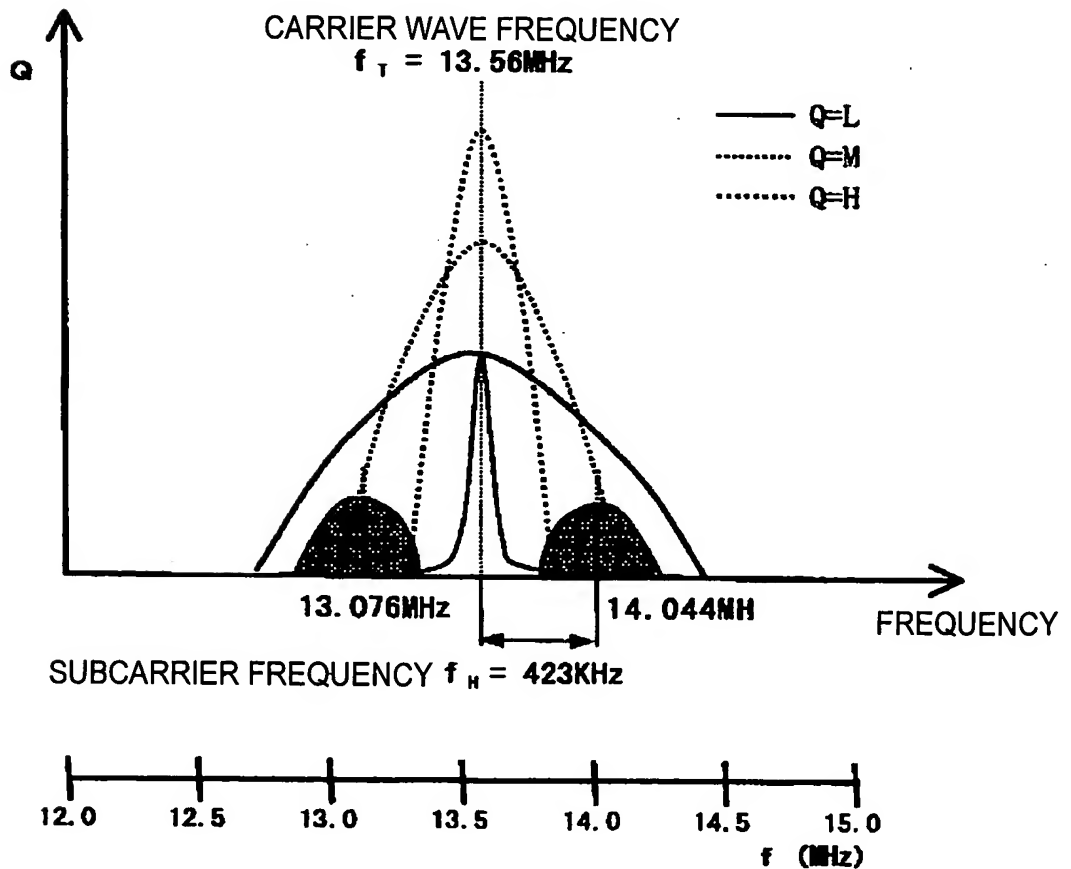


FIG. 11

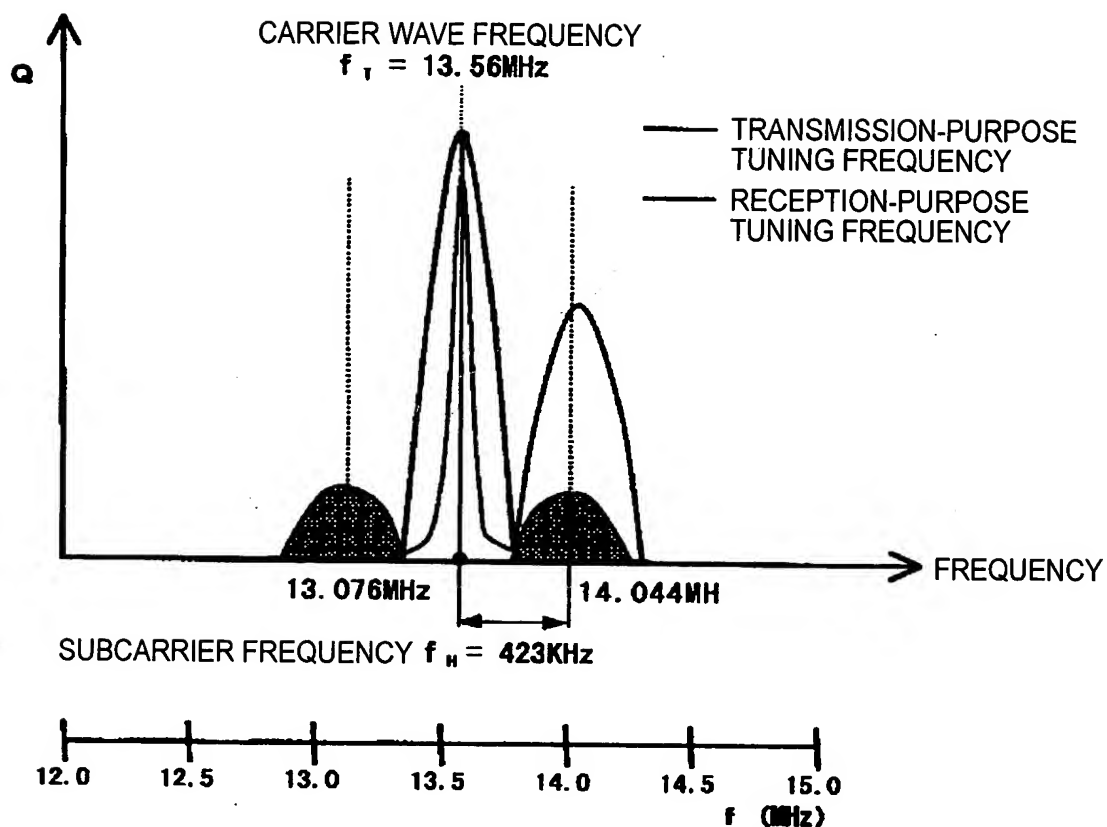


FIG. 12 (a)

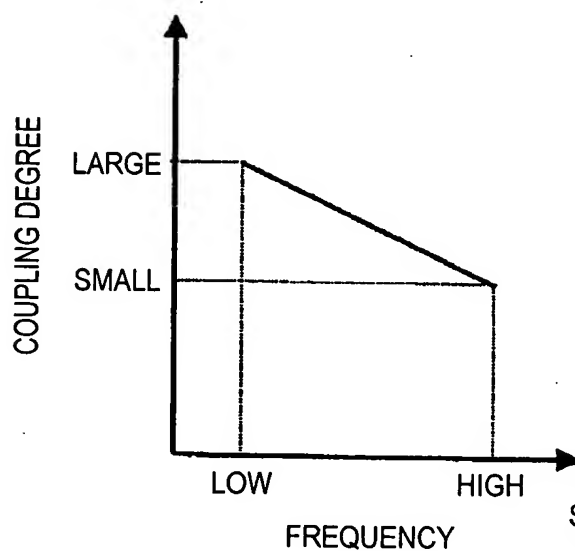


FIG. 12 (b)

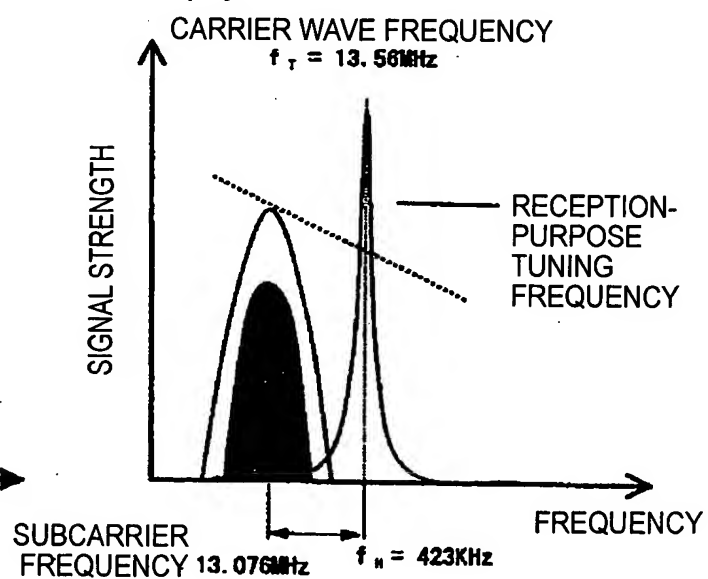


FIG. 13 (a)

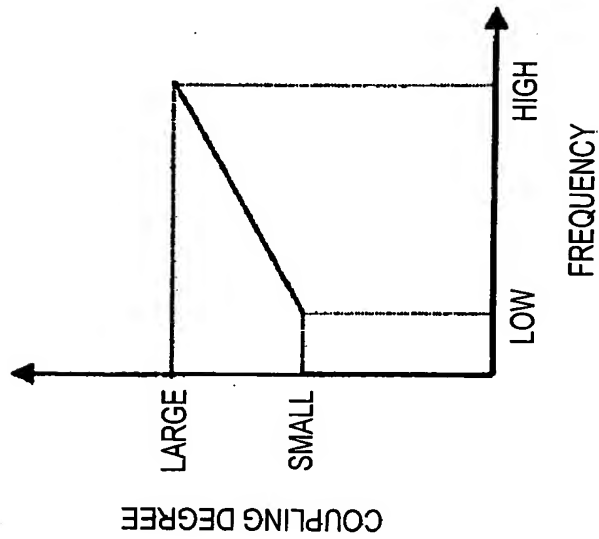


FIG. 13 (b)

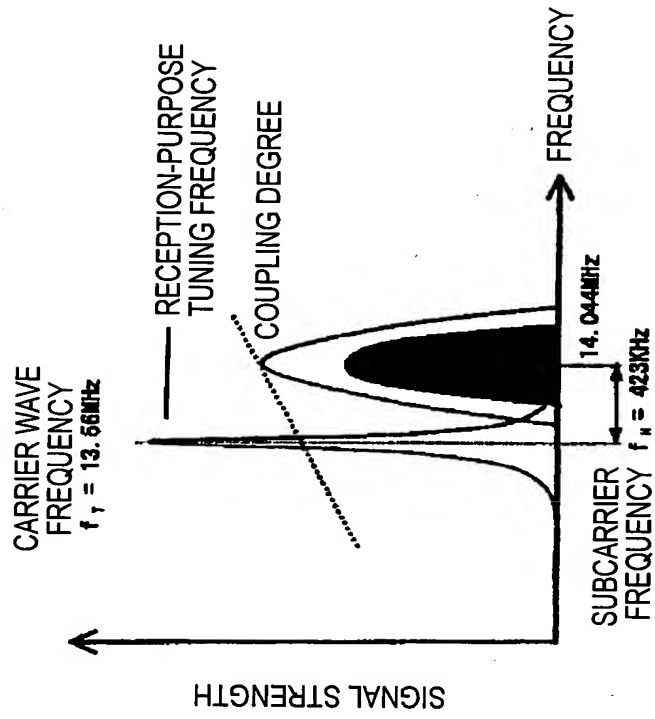


FIG. 14 (a)

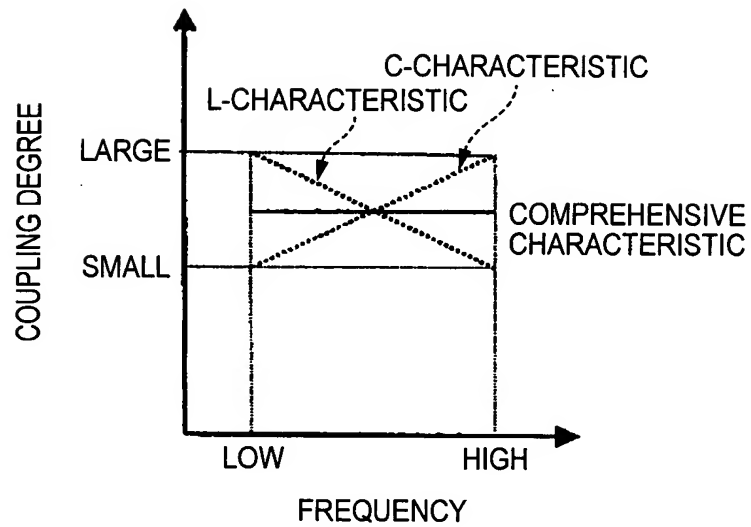


FIG. 14 (b)

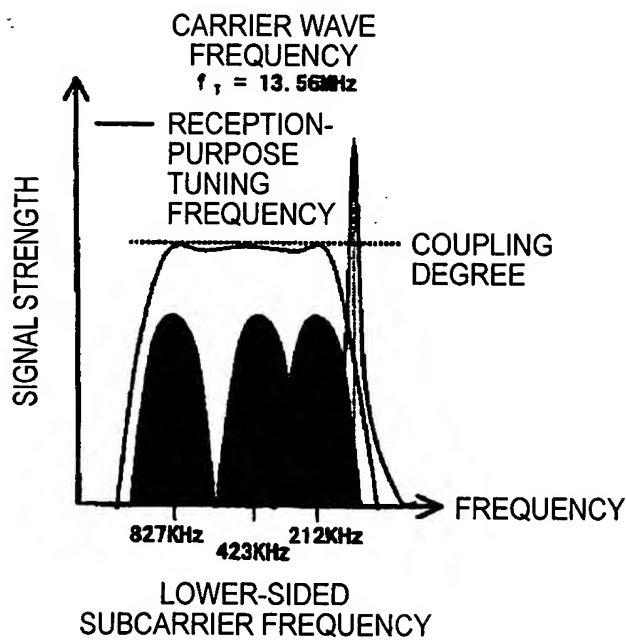


FIG. 14 (c)

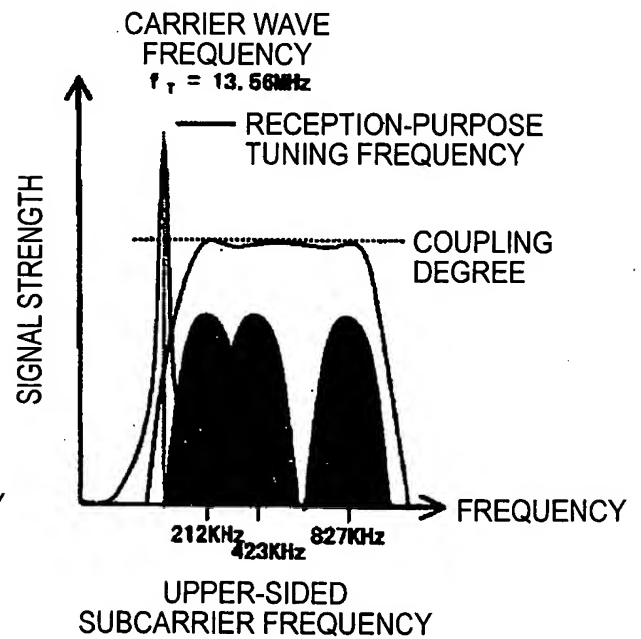


FIG. 15

SYSTEM	BAND RATE	SUBCARRIER	F _{TX}	RECOGNIZABLE RANGE
ISO 14443	106 KBd	847 KHz	13.56 MHz	0 ~ 10 cm
ISO 15693 SHORT	26.48 KBd	423 KHz	13.56 MHz	0 ~ 30 cm
ISO 15693 LONG	6.62 KBd	423 KHz	13.56 MHz	0 ~ 70 cm
LONG RANGE SYSTEM	9.0 KBd	212 KHz	13.56 MHz	0 ~ 1 m